

# Toadflax and fluellens

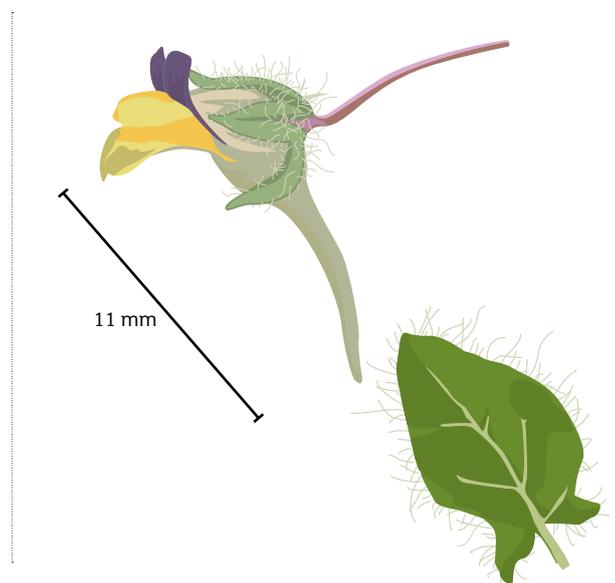
Plant	Small toadflax	Common toadflax	Weasel's-snout (Lesser snapdragon)
<b>Species</b>	<i>Chaenorhinum minus</i>	<i>Linaria vulgaris</i>	<i>Misopates orontium</i>
<b>Threat status</b>	Least Concern		Vulnerable
<b>Distribution</b>	On calcareous ground, common in lowland areas, uncommon in northern Scotland and Northern Ireland	Common across most of UK, but scarce in northern Scotland and Northern Ireland	Sandy soils in southern England, East Anglia and coastal Wales. Very scarce elsewhere
<b>Life cycle</b>	Annual	Perennial	Annual
<b>Stem</b>	8-25 cm erect or spreading stem	30-80 cm erect stem	30-50 cm erect stem that is sticky-downy towards the top
<b>Leaves</b>	Sticky-downy linear shaped leaves with no stem	3-8 cm long. Greyish hairless very narrow linear leaves. Whorled towards the bottom of the stem turning alternate towards the top of the stem	3-5 cm long linear leaves with a prominent midrib and no stem
<b>Flowers</b>	Long-stalked flowers originating from an axil of a leaf. The calyx tube up to half the length of the flower tube (corolla)	Forms long dense flower spikes at the top of the stem. Calyx tube has oval lobes	Flowers are present in the axils of the leaves forming loose leafy spikes. The calyx tube is linear and unequally lobed, and is the same size or often longer than the flower tube (corolla)
<b>Petals</b>	6-9 mm pale purple with white-pale yellow palate	15-25 mm yellow flower with an orange palate (15-35 mm including the long downwards pointing straight spur)	10-17 mm pale to bright pink flowers without a spur but with a pouch at the back



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Plant	Round-leaved fluellen	Sharp-leaved fluellen
<b>Species</b>	<i>Kickxia spuria</i>	<i>Kickxia elatine</i>
<b>Threat status</b>	Least Concern	Least Concern
<b>Distribution</b>	On all types of soils across southern and central England and south-east Wales. Very scarce elsewhere in England and Wales. Not present in Scotland or Northern Ireland	On all types of soils across south and central England and Wales. Very scarce elsewhere and not present in Northern Ireland
<b>Life cycle</b>	Annual	Annual
<b>Stem</b>	20-50 cm long horizontal spreading branches (prostrate) with 1-2 vertical branches. Sticky hairy-woolly	20-50 cm long horizontal spreading branches (prostrate) with 1-2 vertical branches. Hairless-hairy
<b>Leaves</b>	Oval-round hairy leaves with long woolly stalks	Sharp triangular-shaped leaves with side pointing lower corners (hastate-shaped) with hairless-hairy stalks. Lower leaves are rounded and look like Round-leaved fluellen
<b>Flowers</b>	Flower stalks are woolly-hairy. Calyx tube same length as the petal tube (corolla)	Flower stalks are hairless. Calyx tube same length as the petal tube (corolla)
<b>Petals</b>	8-11 mm long flower. Coloured yellow with a dark purple upper lip. Downwards curved pale spur	7-12 mm long flower. Coloured yellow with a violet upper lip. Downwards straight pale spur



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